

## **IMPACT ABSORBING MEMBER FOR VEHICLE**

### **ABSTRACT**

**[00105]** A system is disclosed for absorbing impact energy to a vehicle. The system provides first and second blow molded thermoplastic energy absorbing members, each of the energy absorbing member having opposing first wall and a second walls, at least one rib disposed within each energy absorbing member, that rib being integrally molded from at least the first wall. Also provided is a joint whereby the rib attaches to the second wall such that the first and second energy absorbing members absorb an impact energy. The first and second energy absorbing members are aligned such that the impact energy is distributed between the energy absorbing members and is absorbed by the energy absorbing members.